

## Message Text

UNCLASSIFIED

PAGE 01 BONN 11998 01 OF 02 151754Z

55

ACTION EUR-12

INFO OCT-01 IO-13 ISO-00 NRC-07 AID-05 CEA-01 CIAE-00

CIEP-02 COME-00 DODE-00 EB-07 FEAE-00 FPC-01 H-02

INR-07 INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-04

USIA-15 SAM-01 OES-06 SP-02 SS-15 STR-04 TRSE-00

ACDA-10 /129 W

----- 025153

R 151745Z JUL 76

FM AMEMBASSY BONN

TO SECSTATE WASHDC 0464

INFO ERDA WASHDC

ERDA GERMANTOWN

NRC BETHESDA

USMISSION EC BRUSSELS

USMISSION IAEA VIENNA

UNCLAS SECTION 01 OF 02 BONN 11998

E.O. 11652 N/A

TAGS: TECH,ENRG,PARM,GW

SUBJECT: NUCLEAR ENERGY -- FRG PLANS TO CLOSE THE NUCLEAR  
FUEL CYCLE

REF: A. BONN11284; B. BONN 10119; C. BONN 5762

1. SUMMARY. THE MONTHLY MAGAZINE "ATOMWIRTSCHAFT - ATOM-  
TECHNIK" DEVOTES ITS JULY EDITION TO GERMAN EFFORTS TO  
CLOSE THE NUCLEAR FUEL CYCLE. THE MAGAZINE IS THE OFFI-  
CIAL JOURNAL OF THE KERntechnische GESELLSCHAFT ( KTG )  
-- ASSOCIATION FOR NUCLEAR TECHNOLOGY -- WHICH IS MEMBER  
OF THE ATOMFORUM, AN ORGANIZATION DEVOTED TO THE PRO-  
MOTION OF NUCLEAR ENERGY. THE REPORTS OF THIS ISSUE RE-  
FLECT GOVERNMENT PLANS AND GIVE THE TECHNICAL DETAILS  
OF THE PLANNED INTEGRATED CENTER. END SUMMARY.

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 BONN 11998 01 OF 02 151754Z

2. FOLLOWING IS A SUMMARY OF EACH OF THE SEVEN ARTICLES.

3. TREATMENT AND DISPOSAL OF NUCLEAR WASTE FROM THE  
GOVERNMENT'S POINT OF VIEW:

THIS PAPER IS WRITTEN BY HAGEN, HEAD OF THE NUCLEAR  
FUEL CYCLE DIVISION IN THE MINISTRY FOR RESEARCH AND  
TECHNOLOGY ( BMFT ), AND RANDL, COORDINATOR FOR WASTE  
MANAGEMENT IN THE BMFT. THE DETAILS GIVEN ARE ESSENTIALLY  
THE SAME REPORTED IN REF. A. ADDITIONAL COMMENT  
ON NUCLEAR COOPERATION. THE AUTHORS STRESS THAT IN THE  
FIELD OF R AND D GERMAN EFFORTS ARE BEING CARRIED OUT  
IN CLOSE COOPERATION WITH SEVERAL OTHER NATIONS, IN THE  
EUROCHEMIC WASTE MANAGEMENT PROGRAM ,IN THE EC-COM-  
MISSION'S PROGRAM FOR THE TREATMENT AND DISPOSAL OF  
NUCLEAR WASTE AND IN THE R AND D PROGRAM OF THE IEA.  
FURTHERMORE BRITISH, FRENCH AND GERMAN INDUSTRIES CO-  
OPERATE IN UNITED REPROCESSORS GMBH. THE ERDA/BMFT  
AGREEMENT IS THE BASIS FOR THE COORDINATION OF THE  
GERMAN AND US PROGRAMS. THE AUTHORS STATE THAT THIS  
PART OF THE NUCLEAR FUEL CYCLE IS HEAVILY DEPENDENT ON  
THE DEVELOPMENT OF INTERNATIONAL STANDARDS AND METHODS  
FOR THE SAFE HANDLING OF NUCLEAR ENERGY. THEY DO NOT  
FORESEE INDUSTRIAL-COMMERCIAL COMPETITION BECAUSE NO  
COUNTRY WOULD BE INTERESTED IN ACQUIRING NUCLEAR WASTE  
BY OFFERING BARGAIN PRICES FOR REPROCESSING SERVICES.

4. RADIOACTIVE WASTE MANAGEMENT:

THE FIRST PART OF A FOUR PART SYSTEMS STUDY ON "RADIO-  
ACTIVE WASTE IN THE FRG" IS REVIEWED IN AN ARTICLE BY  
NUKEM SCIENTISTS. THE BMFT COMMISSIONED THIS STUDY AT  
INDUSTRY AND GOVERNMENT-FINANCED RESEARCH CENTERS, TO BE  
COMPLETED BY LATE 1976. THE SYSTEMS STUDY WILL ASSESS  
THE AMOUNTS OF RADIOACTIVE WASTE TO BE GENERATED BY NU-  
CLEAR TECHNOLOGY, ANALYZE CURRENT R AND D WORK AND THE  
TECHNOLOGY ADOPTED, SUGGEST A WASTE MANAGEMENT SYS-  
TEM WITH SATISFACTORY SAFETY CHARACTERISTICS AND LAUNCH  
AN ACTION PROGRAM TO SET UP THIS WASTE MANAGEMENT SYSTEM.  
THE STUDY COVERS THE PERIOD TO 1990, BUT ALSO GIVES SOME

UNCLASSIFIED

NNN

UNCLASSIFIED

PAGE 01 BONN 11998 02 OF 02 151754Z

55

ACTION EUR-12

INFO OCT-01 IO-13 ISO-00 AID-05 CEA-01 CIAE-00 CIEP-02

COME-00 DODE-00 EB-07 FEAE-00 FPC-01 H-02 INR-07

INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-04 USIA-15

SAM-01 OES-06 SP-02 SS-15 STR-04 TRSE-00 ACDA-10

NRC-07 /129 W

----- 025162

R 151745Z JUL 76

FM AMEMBASSY BONN

TO SECSTATE WASHDC 0465

INFO ERDA WASHDC

ERDA GERMANTOWN

NRC BETHESDA

USMISSION EC BRUSSELS

USMISSION IAEA VIENNA

UNCLAS SECTION 02 OF 02 BONN 11998

TRENDS UP TP 2000.

5. FOUR ARTICLES ARE TECHNICAL PAPERS WHICH GIVE DETAIL ON THE AMOUNTS OF RADIOACTIVE WASTE AND THE METHODS THAT WILL BE APPLIED FOR THEIR MANAGEMENT.

6. THE LAST TECHNICAL ARTICLE REPORTS ON THE STATUS OF THE PROJECTED GERMAN INTEGRATED NUCLEAR FUEL CYCLE CENTER AFTER A SHORT TREATMENT OF THE CONCEPT AND THE HISTORY OF THE FACILITY, K.LAND OF BAYER AG. AND P.ZUEHLKE OF KEWA GIVE STATISTICAL DATA FOR THE PROJECT AND A FAIRLY THOROUGH DESCRIPTION OF THE TECHNOLOGY OF THE PLANT.

7. THE LAST ARTICLE "NUCLEAR FUEL CYCLE -- A EUROPEAN TASK" BY K.LAERMANN AND P.VON HANDEL BOTH UNCLASSIFIED

UNCLASSIFIED

PAGE 02 BONN 11998 02 OF 02 151754Z

MEMBERS OF PARLIAMENT OF THE FREE DEMOCRATIC PARTY ( THE MINORITY PARTNER OF THE GOVERNMENT COALITION ) FAVOR JOINT EUROPEAN EFFORTS TO RESOLVE THE SEVERE PROBLEM OF CLOSING THE BACK END OF THE FUEL CYCLE. TO ACCOMPLISH THIS TASK THEY ASK FOR INTENSIFIED IAEA ACTION ON SECRETARY KISSINGER'S PROPOSAL FOR MULTI-NATIONAL NUCLEAR CENTERS WHICH THEY CONSIDER THE OPTIMUM WAY OF MEETING THE DESIRE OF THE SUPPLIER NATIONS TO PROVIDE FOR SAFEGUARDS AGAINST ANY ABUSE OF NUCLEAR TECHNOLOGY. THIS SOLUTION SHOULD PREVENT ANY OF THE SUPPLIER NATIONS

FROM GAINING A COMPETITIVE ADVANTAGE BY OFFERING SENSITIVE FACILITIES OR BY OFFERING TO MANAGE THE FULL FUEL CYCLE FOR THE CUSTOMER. THE AUTHORS EXPLICITLY MENTION, HOWEVER, THAT SUCH A EUROPEAN EFFORT SHOULD NOT DELAY THE CONSTRUCTION OF THE GERMAN REPROCESSING PLANT.

8. THE EMBASSY WOULD BE PLEASED TO PURCHASE AND POUCH COPIES OF THIS ISSUE OF ATOM/WIRTSCHAFT UPON REQUEST.  
CASH

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NEWS MEDIA COMMENTS, CLOSURE OF OFFICES, NUCLEAR REACTORS, NUCLEAR FUELS, RADIOACTIVE WASTES DISPOSAL  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 15 JUL 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976BONN11998  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Film Number:** D760273-0568  
**From:** BONN  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1976/newtext/t19760757/aaaabxmo.tel  
**Line Count:** 178  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ACTION EUR  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 4  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 76 BONN 10119, 76 BONN 5762  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** vogelfj  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 16 MAR 2004  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <16 MAR 2004 by ThomasVJ>; APPROVED <27 JAN 2005 by vogelfj>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
04 MAY 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** NUCLEAR ENERGY -- FRG PLANS TO CLOSE THE NUCLEAR FUEL CYCLE  
**TAGS:** TECH, ENRG, PARM, GE  
**To:** STATE  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006